

IN THE CLAIMS:

Please amend the claims as shown below:

Claim 1 (currently amended) A scanner system comprising an image scanner for scanning an image of an original and a control device for controlling the image scanner, wherein the control device includes:

first setting means accepting operator manual input for setting a reading size of the original;

second setting means accepting operator manual input for setting a direction of the image of the original; and

scanning instruction means for designating a reading area of the original based on the inputs of the reading size and the direction of the image of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

the second setting means including a combination pattern providing means for providing a plurality of combination patterns made by combining a figure of an original as viewed by an operator and the direction of the image of the original as viewed by the operator, and a selecting means accepting operator manual input for selecting one of the plurality of combination patterns .

Claim 2 (original) The scanner system according to claim 1, wherein the scanning instruction means designates the reading area such that an end part of an area readable by the image scanner coincides with an end part of the reading area.

Claim 3 (original) The scanner system according to claim 1, further comprising third setting means for accepting input of a scanning starting location and a scanning ending location for setting a reading area,

wherein the scanning instruction means designates an area that has been set by the third setting means as the reading area.

Claim 4 (previously presented) A scanner system comprising an image scanner for scanning image data of an original and a control device for controlling the image scanner, wherein the control device includes:

first setting means for accepting input for setting a reading size of the original;

second setting means for accepting input for setting a direction of the original; and

scanning instruction means for designating a reading area of the original based on the inputs of the reading size and the direction of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

wherein the scanning instruction means includes

means for setting a scanning execution standby mode which accepts input for bringing an instruction for executing scanning of the original into a standby state, and transmission means for transmitting the scan execution instruction that has been brought into the standby state to the image scanner, and

wherein the image scanner includes

receiving means for receiving the scan execution instruction that has been brought into the standby state from the transmission means, and

scan initiating means for releasing the scan execution instruction received by the receiving means from the standby state so as to initiate scanning of the original.

Claim 5 (previously presented) The scanner system according to claim 4, wherein the control device further includes

scanning condition setting means for accepting input of a condition in the image scanner, and

wherein the scanning instruction means designates the scanning condition and outputs a scan execution instruction.

Claim 6 (original) The scanner system according to claim 5, wherein the image scanner includes scanning condition changing means for accepting input for changing the scanning condition that has been designated by the control device.

Claims 7-9 (canceled)

Claim 10 (currently amended) A scanner driver which is to be installed in a computer connectable to an image scanner for scanning an image of an original in order to control the image scanner with the computer, wherein upon loading of the scanner driver into the computer, the computer forms:

first setting means accepting operator manual input for setting a reading size of the original;

second setting means accepting operator manual input for setting a direction of the image of the original; and

scanning instruction means for designating a reading area of the original based on the inputs of the reading size and direction of the image of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

the second setting means including a combination pattern providing means for providing a plurality of combination patterns made by combining a figure of an original as viewed by an operator and the direction of the image of the original as viewed by the operator, and a selecting means accepting operator manual input for selecting one of the plurality of combination patterns .

Claim 11 (original) The scanner driver according to claim 10, wherein the scanning instruction means designates the reading area such that an end part of an area readable by the image scanner coincides with an end part of the reading area.

Claim 12 (original) The scanner driver according to claim 10, wherein upon loading of the scanner driver into the computer, the computer further forms third setting means for accepting input of a scanning starting location and a scanning ending location for setting a reading area, and

the scanning instruction means designates an area that has been set by the third setting means as the reading area.

Claim 13 (previously presented) A scanner driver which is to be installed in a computer connectable to an image scanner for scanning image data of an original in order to control

the image scanner with the computer, wherein upon loading of the scanner driver into the computer, the computer forms:

first setting means for accepting input for setting a reading size of the original;

second setting means for accepting input for setting a direction of the original; and

scanning instruction means for designating a reading area of the original based on the inputs of the reading size and direction of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

wherein the scanning instruction means includes:

means for setting a scanning execution standby mode which accepts input for bringing an instruction for executing scanning of the original into a standby state; and

transmission means for transmitting the scan execution instruction that has been brought into the standby state to the image scanner.

Claim 14 (original) The scanner driver according to claim 13, wherein upon loading of the scanner driver into the computer, the computer further forms scanning condition setting means for accepting input for setting a scanning condition in the image scanner, and

the scanning instruction means designates the scanning condition and transmits a scan execution instruction.

Claim 15 and 16 (canceled)

Claim 17 (currently amended) A recording medium which is readable by a computer, and which has a scanner driver saved therein, the scanner driver being installable in a computer connectable to an image scanner for scanning an image of an original in order to control the image scanner with the computer, wherein upon loading of the scanner driver into the computer, the computer forms:

first setting means accepting operator manual input for setting a reading size of the original;

second setting means accepting operator manual input for setting a direction of the image of the original; and

scanning instruction means for designating a reading area of the original based on the inputs of the reading size and the direction of the image of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

the second setting means including a combination pattern providing means for providing a plurality of combination patterns made by combining a figure of an original as viewed by an operator and the direction of the image of the original as viewed by the operator, and a selecting means accepting operator manual input for selecting one of the plurality of combination patterns .

Claim 18 (original) The recording medium according to claim 17, wherein the scanning instruction means designates the reading area such that an end part of an area readable by the image scanner coincides with an end part of the reading area.

Claim 19 (original) The recording medium according to claim 17, wherein upon loading of the scanner driver into the computer, the computer further forms third setting means for accepting input of a scanning starting location and a scanning ending location for setting a reading area, and the scanning instruction means designates an area that has been set by the third setting means as the reading area.

Claim 20 (previously presented) A recording medium which is readable by a computer, and which has a scanner driver saved therein, the scanner driver being installable in a computer connectable to an image scanner for scanning image data of an original in order to control the image scanner with the computer, wherein upon loading of the scanner driver into the computer, the computer forms:

- first setting means for accepting input for setting a reading size of the original;
- second setting means for accepting input for setting a direction of the original; and
- scanning instruction means for designating a reading area of the original based on the inputs of the reading size and the direction of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

- wherein the scanning instruction means includes:

- means for setting a scanning execution standby mode which accepts input for bringing an instruction for executing scanning of the original into a standby state; and
- transmission means for transmitting the scan execution instruction that has been brought into the standby state to the image scanner.

Claim 21 (original) The recording medium according to claim 20, wherein upon loading of the scanner driver into the computer, the computer further forms scanning condition setting means for accepting input for setting a scanning condition in the image scanner, and

the scanning instruction means designates the scanning condition and transmits a scan execution instruction.

Claims 22 and 23 (canceled)

Claim 24 (currently amended) A signal transmittable via a communication line being modulated by data corresponding to a scanner driver that is to be installed in a computer in order to control an image scanner for scanning an image of an original with the computer, the computer being connectable to the image scanner, wherein upon loading of the scanner driver into the computer, the computer forms:

first setting means accepting operator manual input for setting a reading size of the original;

second setting means accepting operator manual input for setting a direction of the image of the original; and

scanning instruction means for designating a reading area of the original based on the inputs of the reading size and the direction of the image of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

the second setting means including a combination pattern providing means for providing a plurality of combination patterns made by combining a figure of an original

as viewed by an operator and the direction of the image of the original as viewed by the operator, and a selecting means accepting operator manual input for selecting one of the plurality of combination patterns .

Claim 25 (original) The signal transmittable via a communication line according to claim 24, wherein the scanning instruction means designates the reading area such that an end part of an area readable by the image scanner coincides with an end part of the reading area.

Claim 26 (original) The signal transmittable via a communication line according to claim 24, wherein upon loading of the scanner driver into the computer, the computer further forms third setting means for accepting input of a scanning starting location and a scanning ending location for setting a reading area, and

the scanning instruction means designates an area that has been set by the third setting means as the reading area.

Claim 27 (previously presented) A signal transmittable via a communication line being modulated by data corresponding to a scanner driver that is to be installed in a computer in order to control an image scanner for scanning image data of an original with the computer, the computer being connectable to the image scanner, wherein upon loading of the scanner driver into the computer, the computer forms:

first setting means for accepting input for setting a reading size of the original;

second setting means for accepting input for setting a direction of the original; and

scanning instruction means for designating a reading area of the original based on the inputs of the reading size and the direction of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

wherein the scanning instruction means includes:

means for setting a scanning execution standby mode which accepts input for bringing an instruction for executing scanning of the original into a standby state; and

transmission means for transmitting the scan execution instruction that has been brought into the standby state to the image scanner.

Claim 28 (original) The signal transmittable via a communication line according to claim 27, wherein upon loading of the scanner driver into the computer, the computer further forms scanning condition setting means for accepting input for setting a scanning condition in the image scanner, and

wherein the scanning instruction means designates the scanning condition and transmits a scan execution instruction.

Claims 29 and 30 (canceled)

31. (New) A scanner system according to claim 1, wherein the combination pattern providing means is constructed and arranged to provide the plurality of combination patterns made by combining a figure of a generally rectangular shaped original as viewed by an operator and the direction of the image of the original as viewed by the operator, the combination patterns including a first pattern combining a figure of the original with a

shorter side thereof at a top and a direction of the image of the original directing upwardly, a second pattern combining a figure of the original with a longer side thereof at a top and a direction of the image of the original directing leftwardly, a third pattern combining a figure of the original with the longer side thereof at a top and a direction of the image of the original directing upwardly, a fourth pattern combining a figure of the original with the shorter side thereof at a top and a direction of the image of the original directing leftwardly.

32. (New) A scanner system comprising an image scanner for scanning an image of an original and a control device for controlling the image scanner, wherein the control device includes:

first setting means accepting operator manual input for setting a reading size of the original;

second setting means accepting operator manual input for setting a direction of the image of the original; and

scanning instruction means for designating a reading area of the original based on the inputs of the reading size and the direction of the image of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

the second setting means providing combination patterns made by combining a figure of a generally rectangular shaped original viewed by an operator and the direction of the image of the original as viewed by the operator, the combination patterns including a first pattern combining a figure of the original with a shorter side thereof at a top and a direction of the image of the original directing upwardly, a second pattern combining a

figure of the original with a longer side thereof at a top and a direction of the image of the original directing leftwardly, a third pattern combining a figure of the original with the longer side thereof at a top and a direction of the image of the original directing upwardly, a fourth pattern combining a figure of the original with the shorter side thereof at a top and a direction of the image of the original directing leftwardly.

33. (New) A scanner driver according to claim 10, wherein the combination pattern providing means is constructed and arranged to provide the plurality of combination patterns made by combining a figure of a generally rectangular shaped original as viewed by an operator and the direction of the image of the original as viewed by the operator, the combination patterns including a first pattern combining a figure of the original with a shorter side thereof at a top and a direction of the image of the original directing upwardly, a second pattern combining a figure of the original with a longer side thereof at a top and a direction of the image of the original directing leftwardly, a third pattern combining a figure of the original with the longer side thereof at a top and a direction of the image of the original directing upwardly, a fourth pattern combining a figure of the original with the shorter side thereof at a top and a direction of the image of the original directing leftwardly.

34. (New) A scanner driver which is to be installed in a computer connectable to an image scanner for scanning an image of an original in order to control the image scanner with the computer, wherein upon loading of the scanner driver into the computer, the computer forms:

first setting means accepting operator manual input for setting a reading size of the original;

second setting means accepting operator manual input for setting a direction of the image of the original; and

scanning instruction means for designating a reading area of the original based on the inputs of the reading size and the direction of the image of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

the second setting means providing combination patterns made by combining a figure of a generally rectangular shaped original as viewed by an operator and the direction of the image of the original as viewed by the operator, the combination patterns including a first pattern combining a figure of the original with a shorter side thereof at a top and a direction of the image of the original directing upwardly, a second pattern combining a figure of the original with a longer side thereof at a top and a direction of the image of the original directing leftwardly, a third pattern combining a figure of the original with the longer side thereof at a top and a direction of the image of the original directing upwardly, a fourth pattern combining a figure of the original with the shorter side thereof at a top and a direction of the image of the original directing leftwardly.

35. (New) A recording medium according to claim 17, wherein the combination pattern providing means is constructed and arranged to provide the plurality of combination patterns made by combining a figure of a generally rectangular shaped original as viewed by an operator and the direction of the image of the original as viewed by the operator, the combination patterns including a first pattern combining a figure of the original with a

shorter side thereof at a top and a direction of the image of the original directing upwardly, a second pattern combining a figure of the original with a longer side thereof at a top and a direction of the image of the original directing leftwardly, a third pattern combining a figure of the original with the longer side thereof at a top and a direction of the image of the original directing upwardly, a fourth pattern combining a figure of the original with the shorter side thereof at a top and a direction of the image of the original directing leftwardly.

36. (New) A recording medium which is readable by a computer, and which has a scanner driver saved therein, the scanner driver being installable in a computer connectable to an image scanner for scanning an image of an original in order to control the image scanner with the computer, wherein upon loading of the scanner driver into the computer, the computer forms:

first setting means accepting operator manual input for setting a reading size of the original;

second setting means accepting operator manual input for setting a direction of the image of the original; and

scanning instruction means for designating a reading area of the original based on the inputs of the reading size and the direction of the image of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

the second setting means providing combination patterns made by combining a figure of a generally rectangular shaped original as viewed by an operator and the direction of the image of the original viewed by the operator, the combination patterns

including a first pattern combining a figure of the original with a shorter side thereof at a top and a direction of the image of the original directing upwardly, a second pattern combining a figure of the original with a longer side thereof at a top and a direction of the image of the original directing leftwardly, a third pattern combining a figure of the original with the longer side thereof at a top and a direction of the image of the original directing upwardly, a fourth pattern combining a figure of the original with the shorter side thereof at a top and a direction of the image of the original directing leftwardly.

37. (New) A signal according to claim 24, wherein the combination pattern providing means is constructed and arranged to provide the plurality of combination patterns made by combining a figure of a generally rectangular shaped original as viewed by an operator and the direction of the image of the original as viewed by the operator, the combination patterns including a first pattern combining a figure of the original with a shorter side thereof at a top and a direction of the image of the original directing upwardly, a second pattern combining a figure of the original with a longer side thereof at a top and a direction of the image of the original directing leftwardly, a third pattern combining a figure of the original with the longer side thereof at a top and a direction of the image of the original directing upwardly, a fourth pattern combining a figure of the original with the shorter side thereof at a top and a direction of the image of the original directing leftwardly.

38. (New) A signal transmittable via a communication line being modulated by data corresponding to a scanner driver that is to be installed in a computer in order to control an image scanner for scanning an image of an original with the computer, the computer

being connectable to the image scanner, wherein upon loading of the scanner driver into the computer, the computer forms:

first setting means accepting operator manual input for setting a reading size of the original;

second setting means accepting operator manual input for setting a direction of the image of the original; and

scanning instruction means for designating a reading area of the original based on the inputs of the reading size and the direction of the image of the original that have been accepted by the first and second setting means and outputting a scan execution instruction to the image scanner,

the second setting means providing combination patterns made by combining a figure of a generally rectangular shaped original as viewed by an operator and the direction of the image of the original viewed by the operator, the combination patterns including a first pattern combining a figure of the original with a shorter side thereof at a top and a direction of the image of the original directing upwardly, a second pattern combining a figure of the original with a longer side thereof at a top and a direction of the image of the original directing leftwardly, a third pattern combining a figure of the original with the longer side thereof at a top and a direction of the image of the original directing upwardly, a fourth pattern combining a figure of the original with the shorter side thereof at a top and a direction of the image of the original directing leftwardly.